

ASSIGNMENT**INVENTOR or INVENTORS:**Joseph N. ChristopherKevin N. SquireJo Ann M. CanichTimothy D. Shaffer

In consideration of One Hundred Twenty-five Dollars (\$125.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned person(s) named above, herein referred to as UNDERSIGNED, hereby agree(s) as follows:

1) UNDERSIGNED hereby assign(s) to Exxon Chemical Patents Inc., a corporation of Delaware, its successors, legal representatives and assigns, herein referred to collectively as ASSIGNEE, the entire right, title and interest, for the United States and all foreign countries, in and to UNDERSIGNED'S invention or improvement and to all patent applications and patents covering same which is described in a patent application entitled

Cationic Group 3 Catalyst System

said application having been executed on the ~~3rd & 6th~~ ^{30th} day(s) of ~~November~~ ^{December} 1999, and being further identified as Case No. 98B054/2 ; and all rights of priority created by said application under provisions of international conventions or treaties.

2) UNDERSIGNED agree(s) upon the request of ASSIGNEE to execute any and all applications for and documents relating to obtaining patents and the prosecution thereof for said invention or improvement, and any continuations of such applications or substitutes therefor or registrations thereof, and any specific separate assignments of any of the above required for recording in the United States Patent and Trademark Office and any foreign patent office that ASSIGNEE may deem necessary or expedient.

3) UNDERSIGNED agree(s) that in the event of any application based on said assigned invention or improvement, or patent issued thereon, or any reissue or application for the reissue thereof, becoming involved in priority of invention proceedings, UNDERSIGNED will cooperate with ASSIGNEE to the best of the ability of UNDERSIGNED in the matter of preparing and executing all documents and giving and producing evidence in support thereof.

4) UNDERSIGNED agree(s) to perform upon ASSIGNEE'S request any and all affirmative acts to obtain United States and foreign patents covering said invention or improvement and to vest all rights therein hereby conveyed to ASSIGNEE, as fully and as entirely as the same would have been held and enjoyed by UNDERSIGNED if this assignment and sale had not been made.

5) UNDERSIGNED hereby authorize(s) ASSIGNEE's attorney to insert at paragraph 1, in this instrument the date(s) on which UNDERSIGNED executed the Declaration for the above-referenced patent application.

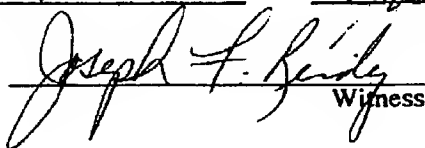
IN WITNESS WHEREOF, this assignment has been executed by UNDERSIGNED on the date opposite UNDERSIGNED'S NAME.

DATE

12/6/99

(LS)

Joseph N. Christopher, Inventor


Witness

/jfr/amcd/98 US/98B054-2 Assignment.doc

DATE 12/6/99 Kevin R. Squire (LS)
Kevin R. Squire, Inventor
Joseph F. Budy
Witness

DATE 12/3/99 Jo Ann M. Canich (LS)
Jo Ann M. Canich, Inventor
Susan Darrett
Witness

DATE 11/30/99 Timothy D. Shaffer (LS)
Timothy D. Shaffer, Inventor
Susan Darrett
Witness

/jfr/amend/98 US/98B054-2 Assignment.doc

State of Delaware
Office of the Secretary of State

PAGE 1

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED ARE TRUE AND CORRECT COPIES OF ALL DOCUMENTS FILED FROM AND INCLUDING THE RESTATED CERTIFICATE OF "EXXONMOBIL CHEMICAL PATENTS INC." AS RECEIVED AND FILED IN THIS OFFICE.

THE FOLLOWING DOCUMENTS HAVE BEEN CERTIFIED:

RESTATED CERTIFICATE, CHANGING ITS NAME FROM "EXXON CHEMICAL PATENTS INC." TO "EXXONMOBIL CHEMICAL PATENTS INC.", FILED THE TWENTY-FIFTH DAY OF JANUARY, A.D. 2001, AT 9 O'CLOCK A.M.



0939188 8100X

010048765

Harriet Smith Windsor
Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 0944640

DATE: 01-30-01

STATE OF DELAWARE
SECRETARY OF STATE
DIVISION OF CORPORATIONS
FILED 09:00 AM 01/25/2001
010042575 - 0939188

AMENDED AND RESTATED CERTIFICATE OF INCORPORATION
OF
EXXON CHEMICAL PATENTS INC.

The present name of the corporation is Exxon Chemical Patents Inc. The corporation was incorporated under the name "Exxon Chemical Marketing Inc." by the filing of its original Certificate of Incorporation with the Secretary of State of the State of Delaware on June 14, 1982. This Restated Certificate of Incorporation of the corporation, which both restates and further amends the provisions of the corporation's Restated Certificate of Incorporation, was duly adopted in accordance with the provisions of Sections 242 and 245 of the General Corporation Law of the State of Delaware and by the written consent of its sole stockholder in accordance with Section 228 of the General Corporation Law of the State of Delaware. The Restated Certificate of Incorporation of the corporation is hereby amended and restated to read in its entirety as follows:

FIRST: The name of the corporation is ExxonMobil Chemical Patents Inc. (hereinafter called the "Corporation").

SECOND: Its registered office in the State of Delaware is located at 2711 Centerville Road, Suite 400, in the City of Wilmington, County of New Castle. The name and address of its registered agent is Corporation Service Company, 2711 Centerville Road, Suite 400, Wilmington, Delaware 19808.

THIRD: The purpose of the Corporation is to engage in any lawful act or activity for which corporations may be organized under the General Corporation Law of the State of Delaware.

FOURTH: The total number of shares of capital stock which the Corporation shall have authority to issue is one thousand (1,000) with no par value.

FIFTH: In furtherance and not in limitation of the powers conferred by statute, the Board of Directors is expressly authorized to make, alter or repeal the by-laws of the Corporation, subject to the power of the stockholders of the Corporation to alter or repeal any by-law whether adopted by them or otherwise.

SIXTH: The election of the Board of Directors need not be by written ballot.

IN WITNESS WHEREOF, the undersigned has executed this Restated
Certificate of Incorporation this 24th day of January,
2001.

EXXON CHEMICAL PATENTS INC.

By: D.M. Selman ^{TSA}

Name: D.M. Selman

Title: President

ATTEST

Patricia D. Murphy
Patricia D. Murphy, Secretary

0170-CT6

-2-

TOTAL P.03

PTO/SB/17 (10-03)
Approved for use through 07/31/2008. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) \$220.00

Complete If Known

Application Number 09/997,777
Filing Date November 29, 2001
First Named Inventor Christopher, et al.
Examiner Name Robert D. Harlan
Art Unit 1713
Attorney Docket No. 98B054/4

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit
Account
Number

05-1712

Deposit
Account
Name

ExxonMobil Chemical Company

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) or any underpayment of fee(s)

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	180	2005	80	Provisional filing fee	
SUBTOTAL (1)					(\$)

2. EXTRA CLAIM FEES FOR UTILITY AND

Extra Claims		Fee from below	Fee Paid
Total Claims	-20** =		
Independent Claims	-3** =	0 X	0.00
Multiple Dependent		0 X	0.00

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1202	18	2202	9	Claims in excess of 20	
1201	86	2201	43	Independent claims in excess of 3	
1203	290	2203	145	Multiple dependent claim, if not paid	
1204	86	2204	43	** Reissue independent claims over original patent	
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$) \$0.00

**or number previously paid, if greater. For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non - English specification	
1612	2,520	1612	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1806	1,840*	1806	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR § 1.17(q)	
1808	180	1808	180	Submission of Information Disclosure Statement	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	
Other fee (specify) Terminal Disclaimer Fees (2)					220.00

Other fee (specify) Terminal Disclaimer Fees (2)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) \$220.00

SUBMITTED BY

Name (Print/Type)

Catherine E. Bell

Registration No.
(Attorney/Agent)

35,444

Complete (if applicable)

Telephone

281-834-5982

Signature

Date

May 25, 2004

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

CERTIFICATE OF TRANSMISSION BY FACSIMILE (37 CFR 1.8)			Docket No. 98B054/4
Applicant(s): Christopher, et al.			
Serial No. 09/997,777	Filing Date November 29, 2001	Examiner Robert D. Harlan	Group Art Unit 1713
Invention: Cationic Group 3 Catalyst System			
RECEIVED CENTRAL FAX CENTER MAY 25 2004 OFFICIAL			
I hereby certify that this <u>See Below</u> (Identify type of correspondence)			
is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No. <u>703-872-9306</u>)			
on <u>May 25, 2004</u> (Date)			
Tracy N. Keyes (Typed or Printed Name of Person Signing Certificate)			
<u>Tracy N. Keyes</u> (Signature)			
<p style="text-align: center;">Note: Each paper must have its own certificate of mailing.</p> <ol style="list-style-type: none">1. Transmittal Form2. Fee Sheet3. 2 Terminal Disclaimers4. 2 3.73(b) Statements5. Copy of Assignment6. Copy of Certificate of Name Change7. Response under 37 CFR 1.111			

P18/REV01

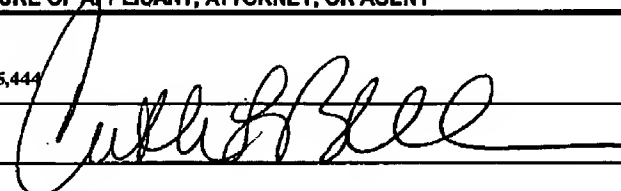
PTO/SB/21 (08-03)


Approved for use through 07/31/2008. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	09/997,777	
	Filing Date	November 29, 2001	
	First Named Inventor	Christopher, et al.	
	Art Unit	1713	
	Examiner Name	Robert D. Harlan	
Total Number of Pages in This Submission	27	Attorney Docket Number	98B054/4

ENCLOSURES <i>(check all that apply)</i>		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence <input checked="" type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) <i>(please identify below):</i> 2 Terminal Disclaimers, 2 Statements under 37 CFR 3.73(b), Copy of Assignment, Copy of Certificate of Name Change and Certificate of Transmission
Remarks The Commissioner is hereby authorized to charge the required fee(s), or credit any overpayment, to Deposit Account No. 05-1712 in the name of ExxonMobil Chemical Company.		
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm or Individual name	Catherine L. Bell Registration No. 35,444	
Signature		
Date	May 25, 2004	

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:			
Typed or printed name	Tracy N. Keyes		
Signature		Date	May 25, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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